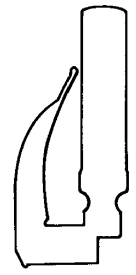
Instructions Menu

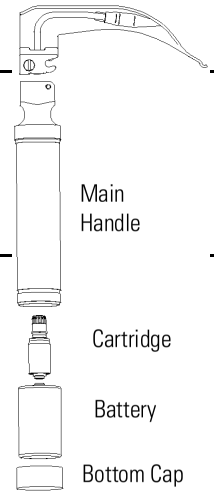
Form No. 608354 Rev. A



WelchAllyn®

3.5V Rechargeable Fiber Optic
Laryngoscope Handle

Welch Allyn 3.5V Rechargeable Fiber Optic Laryngoscope Handle



The battery handle consists of two sections: the main handle and the lamp holder cartridge assembly (see Figure). The lamp holder cartridge assembly and battery ***must*** be removed prior to disinfection/sterilization.

Cleaning Procedure

Main Handle Section

Remove the battery and lamp cartridge as described in the Repair/Maintenance section. The main handle section may then be cleaned with a mild detergent and warm water solution. The main handle section may also be soaked in an enzymatic detergent following the manufacturer's instructions.

Lamp Cartridge

The lamp cartridge may be wiped clean with a mild detergent and water solution. DO NOT ALLOW SOLUTION TO ENTER INTO CARTRIDGE.

Disinfection/Sterilization

Main Handle Section

Remove battery and lamp cartridge before subjecting handle to any of the following processes.

After removing the battery and lamp cartridge, the main handle can be soaked in a 14 day (2.4 - 2.6%) glutaraldehyde solution following manufacturer's instructions for exposure time and temperature.

Steam autoclave is appropriate. do not exceed temperature of 280°F (138°C) and pressure of 28 psi. DO NOT FLASH AUTOCLAVE.

Ethylene Oxide - is appropriate with gas concentrations of 10% - 100%, do not exceed 131°F (55°C). Maximum 4 hours exposure time. Aerate 12-16 hours at 120° F (49°C) following process.

Steris™ System I - Remove bottom cap, batteries, and lamp cartridge to allow solution to flow through handle.

Lamp Cartridge

Lamp cartridge can be wiped with cloth dampened with 70% isopropyl alcohol. DO NOT ALLOW SOLUTION TO ENTER INTO CARTRIDGE.

The lamp cartridge CANNOT be SOAKED OR AUTOCLAVED.

May be ethylene oxide sterilized (see above). Lamp should be left in.

Test Procedure

Laryngoscope blades and handles should always be tested after cleaning/disinfection/sterilization and prior to use.

To check, connect the laryngoscope blade to the handle and pull open to the "on" position. If the unit fails to light or flickers, check the lamp/batteries.

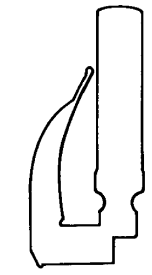
Be sure adequate supplies of spare lamps, batteries, and replacement parts are readily available.

If problem still persists, contact Welch Allyn Customer Service.

Note: Power outputs from rechargeable batteries may fall rapidly during use, resulting in rapid failure of illumination. Be sure a spare handle is readily available.

Conforming to ASTM F 1195 and ISO 7376-3
EN60601-1

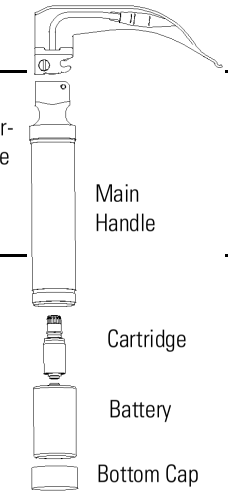
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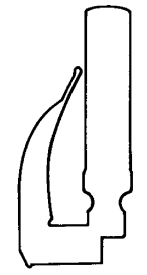
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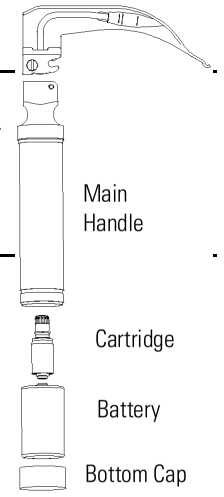
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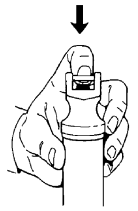
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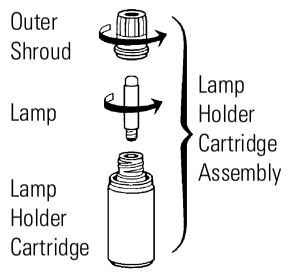
Repair/Maintenance

Battery Replacement



1. Unscrew bottom cap and remove battery.
2. A Nickel-Cadmium battery is supplied with your handle for maximum performance and is recommended for replacement.
3. Replace with appropriate size battery and replace bottom cap.

Instructions for Recycling Nickel-Cadmium Batteries



Welch Allyn now employs the services of an agency which can disassemble and recycle all components of nickel-cadmium batteries so that nothing gets land-filled or incinerated. Should you wish to dispose of your expended Welch Allyn rechargeable battery via recycling (in the US and Canada only), please send to:

Welch Allyn
RECYCLE BATTERY
4341 State Street Road
Skaneateles Falls, NY
13153-0220

Welch Allyn Canada
RECYCLE BATTERY
160 Matheson Blvd. East
Mississauga, Ontario
CANADA L4Z 1V4

For locations outside the U.S. and Canada consult your local recycling authority for correct disposal of battery.

Lamp Replacement

1. Unscrew bottom cap counterclockwise and remove battery. Lamp holder cartridge assembly will remain in main handle. Prior to removal, allow lamp time to cool. Remove by applying finger pressure in the direction shown by the arrow.
2. Remove outer shroud from holder by rotating shroud counterclockwise.
3. Next, remove lamp by rotating counterclockwise.
4. Replace lamp with Welch Allyn lamp #00300 (Specification 3.5V, 2.7W, Halogen HPX).

CAUTION: Be sure lamp's glass envelope is clean and free of any fingerprints after assembly. If necessary, the glass may be cleaned with a soft cloth or cotton ball moistened in alcohol.

5. Be sure lamp and lamp shroud are sufficiently tightened before replacing lamp holder cartridge in main handle.

CAUTION: Halogen lamps are pressurized to provide maximum efficiency and illumination. Protect lamp's glass against abrasion and scratches. Dispose of lamp with care.

6. To replace lamp holder cartridge in the main handle, invert handle. Then gently slide the cartridge down the inside of handle, tipping it side to side until the holder exits opening on top.
7. Insert battery and apply slight pressure to set the cartridge in place. Replace bottom cap and tighten.

Fiber Optic Laryngoscope Reference Chart

Style	Model No.	Battery	Lamp	Lamp Cartridge
3.5V Rechargeable	60835	Welch Allyn 72200	00300	608351-501

CE "The CE mark on this product indicates it has been tested to and conforms with the provisions noted within the 93/42/EEC Medical Device Directive".

Authorized European Representative Address:
European Regulatory Manager
Welch Allyn, Ltd.
Kells Road, Navan
County Meath, Republic of Ireland
Tel: +353-46-79060 / Fax: +353-46-27128

Customer Service
4341 State Street Road
PO Box 220
Skaneateles Falls, NY 13153-0220 USA
Telephone: (315) 685-4560
www.welchallyn.com

Welch Allyn®

WARNING: ONLY TRAINED PERSONNEL SHALL USE A LARYNGOSCOPE FOR INTUBATION.

Use of instrument in presence of intense magnetic fields should present no problems.

Printed in the USA
Form No. 608354 Rev. A

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